## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                  | DBs                                                                     | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------|---------|---------------------|
| L19   | 54   | xmi and mfs and ims                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/21<br>15:28 |
| L20   | 13   | xmi same mfs same ims                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/21<br>15:28 |
| L21   | 12   | "generate middleware"                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/21<br>15:39 |
| L22   | 10   | "generate middleware"<br>and automatically                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/21<br>16:08 |
| L23   | 46   | "middleware" and<br>"automatically installs"                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/21<br>16:32 |
| L24   | 4    | "middleware" with<br>"automatically installs"                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/21<br>16:32 |
| L25   | 1    | (generat\$3 with (middle<br>\$1ware or (web adj<br>application))) with<br>(automatically adj<br>(install or deploy or<br>upload or transfer)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/21<br>16:35 |

| L26 | 0  | ((generat\$3 or creat\$3) adj (middle\$1ware or (web adj application))) same (automatically adj (install or deploy or upload or transfer))                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/21<br>16:36 |
|-----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| L27 | 9  | ((generat\$3 or creat\$3) with (middle\$1ware or (web adj application))) same (automatically with (install or deploy or upload or transfer))                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/21<br>16:36 |
| L28 | 21 | ((generat\$3 or creat\$3) adj (middle\$1ware or (web adj application))) and (automatically adj (install or deploy or upload or transfer))                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/21<br>16:36 |
| 5   | 50 | ("20050066284" "20050165826" "20050203944" "7130893" "20040054970" "20040237034" "20060265478" "5781739" "5027316" "20040054969" "6983468" "2004006739" "20040103370" "20070036151" "20040205612" "4298834" "4920954" "5373176" "6023731" "6108695" "20070032220" "20070032246" "20070032250" "5807724" "5319975" "5440927" "5477458" "5899957" "4384243" "5558709" "5720000" "5789505" "5849207" "5877977" "5999438" "6315890" "6380119" "5974418" "6775680" "7103872" "20020042849" "20020042849" "20020056012" "20030182353" "20040054686" "20040111464" "20040111464" | US-PGPUB;<br>USPAT; USOCR                                               | OR |    | 2007/06/14 13:16    |

|            |     | "20040221292"<br>"20070055678"<br>"20070061457" ).pn.                                               |                                                                         |     |    | *************************************** |
|------------|-----|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----|----|-----------------------------------------|
| S2         | 10  | generate adj "web<br>interface"                                                                     | US-PGPUB;<br>USPAT; USOCR                                               | OR  | ON | 2007/04/27<br>13:58                     |
| <b>S</b> 3 | 40  | generat\$3 adj "web<br>interface"                                                                   | US-PGPUB;<br>USPAT; USOCR                                               | OR  | ON | 2007/04/27<br>13:59                     |
| S4         | 598 | 715/762.ccls.                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:06                     |
| <b>S</b> 5 | 591 | 717/106.ccls.                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:07                     |
| <b>S</b> 6 | 99  | HO-SHYH-MEI.in. HO-<br>SHYH-MEI-F.in. HO-<br>SHYH-MEI-FANG.in.<br>TSAI-TONY.in. TSAI-<br>TONY-Y.in. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>15:38                     |
| S7         | 3   | ("5781739" "6591272"<br>"6601071").pn.                                                              | USPAT; USOCR                                                            | OR  | ON | 2007/06/14<br>13:52                     |
| S8         | 107 | mfs ims mid mod                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>15:44                     |
| S9         | 2   | mfs ims mid mod<br>(middleware or middle-<br>ware)                                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:43                     |
| S10        | 606 | generat\$4 with<br>(middleware or middle-<br>ware)                                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:45                     |
| S11        | 15  | generat\$4.ti.<br>(middleware.ti. or<br>middle-ware.ti.)                                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:45                     |

| S12 | 69   | generat\$4 with<br>(middleware or middle-<br>ware) with web                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:47 |
|-----|------|------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----|----|---------------------|
| S13 | 46   | generat\$4 with<br>(middleware or middle-<br>ware) with web same<br>database | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:55 |
| S14 | 20   | generat\$4 with (SOAP)<br>with web same database                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/06/14<br>16:56 |
| S15 | 23   | 715/762.ccls. and<br>(middleware or middle-<br>ware or SOAP)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:06 |
| S16 | 54   | 717/106.ccls. and<br>(middleware or middle-<br>ware or SOAP)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:07 |
| S17 | 77   | S15 or S16                                                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>17:07 |
| S18 | 727  | import with ims                                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/14<br>18:12 |
| S19 | 3534 | "command line<br>interface"                                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/06/21<br>07:34 |

| S20 | 112  | S19 and (generate with web) and database                                                                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>07:34 |
|-----|------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S21 | 28   | S19 and (generate with web) same database                                                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>07:57 |
| S22 | 1    | (S19 same mode) and (generate with web) same database                                                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>07:58 |
| S23 | 4    | (S19 same mode) and (generate with web) and database                                                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:00 |
| S24 | 68   | (S19 same mode) and<br>web and database                                                                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:00 |
| S25 | 24   | (S19 with mode) and<br>web and database                                                                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:02 |
| S26 | 69   | (S19 with mode)                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:02 |
| S27 | 3646 | (("one or more" or plurality or many or several) with (file or source)) same ((single or one) with (parameter)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21<br>08:34 |

| S28         | 2   | (("one or more" or<br>plurality or many or<br>several) with (file or<br>source)) same ((single<br>or one) with (parameter)<br>with "command line") | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/21<br>08:35 |
|-------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|-----|---------------------|
| <b>S</b> 29 | 2   | "command line<br>interface" with wildcard                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/21<br>08:36 |
| <b>S</b> 30 | 18  | "command line" with wildcard                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/21<br>08:37 |
| S31         | 4   | ("6753889"<br>"20030120730"<br>"6772206"<br>"20020133569").pn.                                                                                     | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON  | 2008/01/05<br>16:08 |
| S32         | 3   | ("6836889" "7140002"<br>"6665861").pn.                                                                                                             | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON  | 2008/01/05<br>16:19 |
| S33         | 289 | (MFS or MFS\$1based)<br>with (IMS or IMS<br>\$1based)                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/05<br>16:20 |
| S34         | 8   | (MFS or MFS\$1based)<br>with (IMS or IMS<br>\$1based) and "715".clas.                                                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/05<br>16:20 |
| S35         | 55  | (MFS or MFS\$1based)<br>with (IMS or IMS<br>\$1based)                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/05<br>16:44 |
| <b>S</b> 36 | 57  | (MFS or MFS\$1based or<br>"message format<br>service") with (IMS or<br>IMS\$1based or<br>"Information<br>Management System")                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/05<br>17:16 |

| \$39 | 15 | (MFS or MFS\$1based or "message format service") with (IMS or IMS\$1based or "Information Management System") same (web or middleware or internet or web\$6) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2008/01/05<br>16:55 |
|------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------|-----|---------------------|
| S40  | 11 | (generate with ("web<br>interface" or "HTML<br>interface") with<br>(database))                                                                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2008/01/05<br>17:17 |
| S41  | 1  | interface import (meta<br>\$1data or "meta data")<br>code (single with input)                                                                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2008/01/05<br>18:04 |
| S42  | 1  | interface import (meta<br>\$1data or "meta data")<br>code (single with input)                                                                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/05<br>18:05 |
| S43  | 1  | interface import code<br>(single with input)                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/05<br>18:05 |
| S44  | 17 | interface import code<br>(one with input)                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/05<br>18:05 |
| S45  | 1  | interface (meta\$1data or<br>"meta data") import<br>code (one with input)                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/05<br>18:05 |
| S46  | 2  | "20020099738".pn.                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2008/04/02<br>14:32 |

| S47                                     | 49  | ("20050165826"      | US-PGPUB;      | OR | ON                                      | 2008/07/18 |
|-----------------------------------------|-----|---------------------|----------------|----|-----------------------------------------|------------|
| ) :                                     | 1.0 | "7370280"           | USPAT; USOCR   | J  | Ŭ. <b>,</b>                             | 16:24      |
|                                         |     | "20050066284"       | COLVET, COCOLE |    |                                         | 10.21      |
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|                                         |     | "20040054970"       |                |    |                                         |            |
|                                         |     | "7058651" "7130893" |                |    |                                         |            |
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|                                         |     | "20060265478"       |                |    |                                         |            |
|                                         |     | "20070047523"       |                |    |                                         |            |
|                                         |     | "6980995"           |                |    |                                         |            |
|                                         |     | "20030233373"       |                |    |                                         |            |
|                                         |     | "20040019600"       |                |    |                                         |            |
|                                         |     | "20040019600"       |                |    |                                         |            |
|                                         |     | "20070100981"       |                |    |                                         |            |
|                                         |     | "7280533"           |                |    |                                         |            |
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|                                         |     | "20070223462"       |                |    |                                         |            |
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|                                         |     | "20080077685"       |                |    | *************************************** |            |
|                                         |     | "20040054969"       |                |    |                                         |            |
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|                                         |     | "20070183410"       |                |    |                                         |            |
|                                         |     | "20070185957"       |                |    | *************************************** |            |
|                                         |     | "20070201662"       |                |    |                                         |            |
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|                                         |     | "5442779" "5564050" |                |    |                                         |            |
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|                                         |     | "20070047558"       |                |    |                                         |            |
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| *************************************** |     | "20070206563"       |                |    |                                         |            |
|                                         |     | "20070206613" ).pn. |                |    |                                         |            |

| S48 | 50  | ("7370280"<br>"20050066284"<br>"20050165826"                                                                            | US-PGPUB;<br>USPAT; USOCR | OR                                       | ON | 2008/07/18<br>16:24                     |
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|     |     | "20050203944"<br>"5781739" "7130893"<br>"20040054970"                                                                   |                           |                                          |    |                                         |
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|     |     | "5027316" "6983468"<br>"20040006739"<br>"20040103370"                                                                   |                           |                                          |    |                                         |
|     |     | "20070036151" "20040205612" "20070030116"                                                                               |                           |                                          |    |                                         |
|     |     | "20070032220" "20070032246" "20070032250"                                                                               |                           |                                          |    |                                         |
|     |     | "5807724" "5319975"<br>"5440927" "5477458"<br>"5899957" "5974418"<br>"6775680" "7103872"                                |                           | munumunumunumunumunumunumunumunumunumun  |    |                                         |
|     |     | "7266622" "20020042849" "20020056012" "20030182353"                                                                     |                           |                                          |    |                                         |
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|     |     | "20080040440"<br>"4298834" "4384243"<br>"4920954" "5373176"<br>"5558709" "5720000"                                      |                           |                                          |    |                                         |
|     |     | "5789505" "5849207"<br>"5877977" "5999438" ).<br>pn.                                                                    |                           |                                          |    |                                         |
| S49 | 110 | ("4740783" "6128622"<br>"6212550" "6250309"<br>"6446110" "6753889"<br>"6772206" "6910216"<br>"7013306"<br>"20010014900" | US-PGPUB;<br>USPAT; USOCR | OR                                       | ON | 2008/07/18<br>16:44                     |
|     |     | "20020078010" "20020100027" "20020133569" "20020161801" "20020174340" "20020178290"                                     |                           | unannannannannannannannannannannannannan |    | miniminiminiminiminiminiminiminiminimin |
|     |     | "20020194227"<br>"20030007397"                                                                                          |                           |                                          |    |                                         |

| "20030120730"       |  | •                                      |  |
|---------------------|--|----------------------------------------|--|
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|                     |  | iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii |  |
| "20030163585"       |  |                                        |  |
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| "6453343" "6259447" |  |                                        |  |
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| "20020083099"       |  |                                        |  |
| "20020049815"       |  |                                        |  |
| "6980963" "6901430" |  | iii                                    |  |
| "6971096"           |  |                                        |  |
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| "20010047311"       |  |                                        |  |
| "6606642" "6889360" |  |                                        |  |
| "6907564" "6613098" |  |                                        |  |
| "20040024820"       |  |                                        |  |
| "20050171970"       |  |                                        |  |
| "20020059344"       |  |                                        |  |
| "20040006739"       |  |                                        |  |
| "20020111989"       |  |                                        |  |
| "20050210414"       |  |                                        |  |
| "5960200"           |  |                                        |  |
|                     |  |                                        |  |
| "20020116454"       |  |                                        |  |
| "20020188688"       |  |                                        |  |
| "20030004746"       |  |                                        |  |
| "20030070006"       |  | iii                                    |  |
| "20030074217"       |  |                                        |  |
| "20030081002"       |  |                                        |  |
| "20030093436"       |  |                                        |  |
| "20030093468"       |  |                                        |  |
|                     |  |                                        |  |
| "20030093500"       |  |                                        |  |
| "5761656" "6243737" |  |                                        |  |
| "6256676" "6289382" |  |                                        |  |
| "20020042849"       |  |                                        |  |
| "20040030740"       |  |                                        |  |
| "20040111464"       |  |                                        |  |
| 20040111404         |  |                                        |  |

|     |     | "20030065623" "6687873" "20030159111" "20030093403" "20020099735" "7143190" "7080092" "6964053" "6948174" "6915523" "6912719" "6904598" "6901403" "20020038336" "20020046294" "20020038335" "20020178299" "6507856" "6519617" "6253200" "6775680" "20050050228" "20050091639" "20020056012" "7069291" "7130893" "20070083524" "20070094283").pn. |                                                                         |    |    |                     |
|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S50 | 30  | "command line" same<br>"no parameters"                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/18<br>18:05 |
| S51 | 828 | "automatically deploy"                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/18<br>18:42 |
| S52 | 35  | xmi with automatic\$4                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/18<br>18:47 |
| S53 | 11  | automatic\$4 with deploy<br>with generated                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/18<br>18:51 |

| S54 | 24   | ("6560639" "6535896" "6909903" "6948117" "7000238" "7024413" "7043687" "7051032" "7054901" "7111011" "7120645" "7124299" "7134075" "7152205" "7266582" "7296226" "6816883" "6067579" "6097688" "6738975" "20010016869" "20020156930" "20030191970" "20020205731").pn. | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON | 2008/10/07          |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S55 | 1965 | batch and parameter<br>and ("command line" or<br>command\$1line)                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/17<br>16:48 |
| S56 | 669  | batch and parameter<br>and ("command line" or<br>command\$1line) and<br>prompt and error                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/17<br>16:50 |
| S57 | 30   | batch and (optional with<br>parameter) and<br>("command line" or<br>command\$1line) and<br>prompt and ("wild card"<br>or wild\$1card) and error                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/17<br>16:51 |
| S58 | 29   | batch and (optional with<br>parameter) and<br>("command line" or<br>command\$1line) and<br>prompt and ("wild card"<br>or wild\$1card) and<br>(error with message)                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/17<br>16:53 |
| S59 | 2    | (batch with mode) and (optional with parameter) and ("command line" or command\$1line) and prompt and ("wild card" or wild\$1card) and (error with message)                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/17<br>16:53 |

## 11/21/2008 5:48:11 PM

C:\ Documents and Settings\ salvesteffer\ My Documents\ EAST\ Workspaces\ 10766336 Apparatus, system, and method for automatically generating a web interface for an mfs-

based ims application.wsp